



	Gross Weight	Forward Limit	Aft Limit		
	2850 lb.	+17.0 in.	+24.5 in.		
	2250 or less	+15.3 in.	+24.5 in.		
	Straight line variation between points given				
Empty Weight	None				
C.G. Range					
Datum	Main landing gear beam center line				
M.A.C.	62.3 in.				
Leveling means	Aircraft cabin floor level - laterally and longitudinally				
Maximum weight	Landplane and Skiplane	2850 lb.			
	Seaplane	2850 lb. (See Note 3 for eligibility at 3,000 lbs.)			
Minimum crew	1 Pilot				
Number of Seats	5, including pilot	(2 at +17.8 in., 3 at +61.75 in.)			
Maximum baggage	150 lb. at +92.5 in.				
Fuel capacity	56.0 Imperial gallons (67.3 U.S. gallons) total (+22.2 in.) 28 Imperial gallons (33.6 U.S. gallons) each wing tank. 55.0 Imperial gallons (66.1 U.S. gallons) usable.				
Oil capacity	10.5 Imperial quarts (12.6 U.S. quarts) max. (-38.8 in.)				
Control surface	Wing Flaps	0°	up	32°	down
Movements	Aileron	18°	up	12°	down
	Elevator (0° Stab.)	29.5°	up	21.5°	down
	Stabilizer	3°	up	5°	down
	Rudder	30°	left	30°	right
Serial Nos. eligible	3 to 27 inclusive. The Canadian Department of Transport Certificate of Airworthiness for export endorsed as noted under "Import Eligibility" must be submitted for each individual aircraft for which application for certification is made.				

**II - Model FBA-2C1, (Bush Hawk) (Normal Category), Approved March 3, 2000 by the FAA and March 5, 1999 by the Canadian Department of Transport (DOT)**

Engine	Lycoming I0-540-D4A5 (260 HP) or Lycoming I0-540-L1C5 (300 HP)	
Fuel	100LL or 100 (Formerly 100/130) Grade aviation fuel	
Engine limits	Maximum for all operations; Full throttle at sea level I0-540-D4A5: 260 HP at 2700 r.p.m. I0-540-L1C5: 300 HP at 2700 r.p.m.	
Propeller and Propeller Limits	Hartzell 3-blade variable pitch HC-C3YR-1RF/F8468A-2R Diameter: Maximum 84 inches, Minimum 83 inches	
	Pitch setting at Station 30.0:	low 10.3° high 31.0°
	Constant Speed Governor, Hartzell V-5-4	

Airspeed Limits (CAS)	<u>With 260 HP IO-540-D4A5 engine</u>				
	Vne	(never exceed)	162 m.p.h. (141 knots)		
	Vno	(max. structural cruising)	145 m.p.h. (126 knots)		
	VA	(maneuvering)	135 m.p.h. (117 knots)		
	Vfe	(flaps extended)	118 m.p.h. (103 knots)		
	<u>With 300 HP IO-540-L1C5 engine</u>				
	Vne	(never exceed)	162 m.p.h. (141 knots)		
	Vno	(max. structural cruising)	145 m.p.h. (126 knots)		
	VA	(maneuvering)	135 m.p.h. (117 knots)		
	Vfe	(flaps extended)	118 m.p.h. (103 knots)		
C.G. range (Landing Gear Fixed)	<u>Landplane and Skiplane</u>				
	Gross Weight	Forward Limit	Aft Limit		
	3200 lbs.	+17.0 in.	+24.5 in.		
	1900	+17.0 in.	+24.5 in.		
	<u>Seaplane</u>				
	Gross Weight	Forward Limit	Aft Limit		
	3500 lbs.	+17.0 in.	+23.5 in.		
	1900	+17.0 in.	+23.5 in.		
	Straight line variation between points given.				
	Additional limitations for specific ski and float installations may be contained in Notes 4 and 5.				
Empty Weight	None				
C.G. Range					
Datum	Land Plane: Main Wheel Axle Sea Plane: Lower Forward Corner of Front Door				
M.A.C.	62.3 in.				
Leveling Means	Aircraft cabin floor level – laterally and longitudinally.				
Maximum Weight	Landplane and skiplane	3,200 lbs.			
	Seaplane	3500 lbs. (see Note 5 for specific weight limitation with each float installation.)			
Minimum crew	1 Pilot				
Number of Seats	5, including pilot.	(2 at +17.8 in., and 3 at +62 in.)			
Maximum Baggage	250 lbs. at 94 in.				
Fuel Capacity	At +21.8 in	Liters	Imp. Gals.	U.S. Gals.	
	Usable	372	81.9	98.3	
	Unusable	6	1.4	1.7	
	Total	378	83.3	100.0	
Oil Capacity	11.4 liters / 10 imperial quarts / 12 U.S. quarts maximum (at -40 in.)				
Control Surface Movements	Wing Flaps	0°	up	8,15,22,32	down
	Aileron	18°	up	12°	down
	Elevator (0° Stab.)	29.5°	up	21.5°	down
	Stabilizer	6°	up	4°	down
	Rudder	30°	left	30°	right
Serial Numbers Eligible	28 through 99				





Maximum Weight	Landplane	3,800 lbs. (1724 kg)			
	Seaplane	3,800 lbs. (1724 kg) ***			
*** Gross weight and C of G limits may vary depending on the option installed.					
Minimum Crew	1 Pilot				
Number of Seats	5, including pilot. (2 at +17.8 in., and 3 at +62 in.)				
Maximum Baggage	250 lbs. (113 kg) at 94 in.				
Fuel Capacity	At +21.8 in.	Litres	U.S. Gals.		
	Usable	372	98.3		
	Unusable	6	1.7		
	Total	378	100.0		
Oil Capacity	10.4 litres / 11 U.S. quarts maximum (at -40 in.)				
Control Surface	Wing Flaps	0°	Up	30°	Down
	Aileron	18°	Up	12°	Down
	Elevator (0□ Stab.)	33°	Up	22°	Down
	Stabilizer	3°	Up***	5°	Down***
	Rudder	24°	Left	28°	Right
*** Up and Down refer to the leading edge of the stabilizer					
Serial Numbers Eligible	Serial number 300 and subsequent.				

**V. MODEL FBA-2C4 (Normal Category), Approved July 2, 2012, by the FAA and June 5, 2012 by the Canadian Department of Transport (DOT).**

This model is a tail wheel landing gear version of the FBA-2C3.

Engine	Lycoming IO-580-B1A (315 HP)		
Fuel	100LL or 100 (Formerly 100/130) Grade aviation fuel		
Engine Limits	Maximum 2700 r.p.m. for all operations		
Propeller and Propeller Limits	Hartzell 3-blade variable pitch HC-C3YR-1RF/F8068		
	Diameter: Maximum 82 ins., Minimum 81 ins.		
	Pitch setting at Station 30.0:	Low	12.3°
		High	31.0°
	Constant Speed Governor, Hartzell V-5-4		
Airspeed Limits (CAS)	$V_{NE}$	(Never Exceed)	Knots
	$V_A$	(Maneuvering)	188
	$V_{NO}$	(Max. Structural Cruise)	117
	$V_{FE}$	Flaps Extended)	153
			115
C.G. Range	<u>Landplane</u>		
	Gross Weight	Fwd. Limit	Aft Limit
	3800 lbs. (1724 kg)	+20.5 in.	+24.5 in.
	2600 lbs. (1179 kg)	+15.0 in.	+24.5 in.
	2200 lbs. (997 kg)	+15.0 in.	+24.5 in.
Straight line variation between points			
	<u>Seaplane</u>		
	See the Optional Equipment section for specific float installations.		

Empty Weight C.G. Range	None				
Datum	Landplane:	½" aft of the lower hinge pin on front door.			
	Seaplane:	Same as above.			
Levelling Means	Aircraft cabin floor level – laterally and longitudinally.				
Maximum Weight	Landplane	3,800 lbs. (1724 kg)			
	Seaplane	3,800 lbs. (1724 kg) ***			
	*** Gross weight and C of G limits may vary depending on the option installed.				
Minimum Crew	1 Pilot				
Number of Seats	5, including pilot.	(2 at +17.8 in., and 3 at +62 in.)			
Maximum Baggage	250 lbs. (113 kg) at 94 in.				
Fuel Capacity	At +21.8 in.	Litres	U.S. Gals.		
	Usable	372	98.3		
	Unusable	6	1.7		
	Total	378	100.0		
Oil Capacity	10.4 litres / 11 U.S. quarts maximum (at -40 in.)				
Control Surface	Wing Flaps	0°	Up	30°	Down
	Aileron	18°	Up	12°	Down
	Elevator (0□ Stab.)	33°	Up	22°	Down
	Stabilizer	3°	Up***	5°	Down***
	Rudder	24°	Left	28°	Right
	*** Up and Down refer to the leading edge of the stabilizer				
Serial Numbers Eligible	Serial number 4000 and subsequent.				

**VI MODEL FBA-2C3T (Normal Category), Approved July 2, 2012, by the FAA and June 5, 2012 by the Canadian Department of Transport (DOT).**

This model is the 300 HP turbocharged engine equipped version of the FBA-2C3.

Engine	Lycoming TIO-540-AH1A (300 HP)		
Fuel	100LL or 100 (Formerly 100/130) Grade aviation fuel		
Engine Limits	Maximum 2500 r.p.m. for all operations		
Propeller and Propeller Limits	Hartzell 3-blade variable pitch HC-C3YR-1RF/F8068+2		
	Diameter: Maximum 84 ins., Minimum 83 ins.		
	Pitch setting at Station 30.0:	Low	12.3°
		High	41.5°
Airspeed Limits (CAS)	V <sub>NE</sub>	(Never Exceed)	Knots
			188 from S/L to 14,000 ft MSL
			Linearly reducing from 188 @ 14,000 ft
			to 150 @ 25,000 ft.
	V <sub>A</sub>	(Maneuvering)	117
	V <sub>NO</sub>	(Max. Structural Cruise)	153 from S/L to 14,000 ft MSL
			Linearly reducing from 153 @ 14,000 ft
			to 122 @ 25,000 ft.

	V <sub>FE</sub>	(Flaps Extended)	115		
C.G. Range	<u>Landplane</u>				
	Gross Weight	Fwd. Limit	Aft Limit		
	3800 lbs. (1724 kg)	+20.5 in.	+24.5 in.		
	2600 lbs. (1179 kg)	+15.0 in.	+24.5 in.		
	2200 lbs. (997 kg)	+15.0 in.	+24.5 in.		
	Straight line variation between points				
	<u>Seaplane</u>				
	See the Optional Equipment section for specific float installations.				
Empty Weight	None				
C.G. Range					
Datum	Landplane:	½" aft of the lower hinge pin on front door.			
	Seaplane:	Same as above.			
Levelling Means	Aircraft cabin floor level – laterally and longitudinally.				
Maximum Weight	Landplane 3,800 lbs. (1724 kg)				
	Seaplane	3,800 lbs. (1724 kg) ***			
	*** Gross weight and C of G limits may vary depending on the option installed.				
Minimum Crew	1 Pilot				
Number of Seats	5, including pilot. (2 at +17.8 in., and 3 at +62 in.)				
Maximum Baggage	250 lbs. (113 kg) at 94 in.				
Fuel Capacity	At +21.8 in.	Litres	U.S. Gals.		
	Usable	372	98.3		
	Unusable	6	1.7		
	Total	378	100.0		
Oil Capacity	10.4 litres / 11 U.S. quarts maximum (at -40 in.)				
Control Surface	Wing Flaps	0°	Up	30°	Down
	Aileron	18°	Up	12°	Down
	Elevator (0□ Stab.)	33°	Up	22°	Down
	Stabilizer	3°	Up***	5°	Down***
	Rudder	24°	Left	28°	Right
	*** Up and Down refer to the leading edge of the stabilizer				
Serial Numbers Eligible	Serial number 0001 and subsequent.				

**VII MODEL FBA-2C4T (Normal Category), Approved July 2, 2012, by the FAA and June 5, 2012 by the Canadian Department of Transport (DOT).**

This model is the 300 HP turbocharged engine equipped version of the FBA-2C4.

Engine	Lycoming TIO-540-AH1A (300 HP)
Fuel	100LL or 100 (Formerly 100/130) Grade aviation fuel
Engine Limits	Maximum 2500 r.p.m. for all operations
Propeller and Propeller Limits	Hartzell 3-blade variable pitch HC-C3YR-1RF/F8068+2 Diameter: Maximum 84 ins., Minimum 83 ins.

	Pitch setting at Station 30.0:	Low 12.3° High 41.5°			
Airspeed Limits (CAS)	V <sub>NE</sub> (Never Exceed)	Knots 188 from S/L to 14,000 ft MSL Linearly reducing from 188 @ 14,000 ft to 150 @ 25,000 ft.			
	V <sub>A</sub> (Maneuvering)	117			
	V <sub>NO</sub> (Max. Structural Cruise)	153 from S/L to 14,000 ft MSL Linearly reducing from 153 @ 14,000 ft to 122 @ 25,000 ft.			
	V <sub>FE</sub> (Flaps Extended)	115			
C.G. Range	<u>Landplane</u>				
	Gross Weight	Fwd. Limit	Aft Limit		
	3800 lbs. (1724 kg)	+20.5 in.	+24.5 in.		
	2600 lbs. (1179 kg)	+15.0 in.	+24.5 in.		
	2200 lbs. (997 kg)	+15.0 in.	+24.5 in.		
	Straight line variation between points				
	<u>Seaplane</u>				
	See the Optional Equipment section for specific float installations.				
Empty Weight	None				
C.G. Range					
Datum	Landplane:	½" aft of the lower hinge pin on front door.			
	Seaplane:	Same as above.			
Levelling Means	Aircraft cabin floor level – laterally and longitudinally.				
Maximum Weight	Landplane	3,800 lbs. (1724 kg)			
	Seaplane	3,800 lbs. (1724 kg) ***			
	*** Gross weight and C of G limits may vary depending on the option installed.				
Minimum Crew	1 Pilot				
Number of Seats	5, including pilot.	(2 at +17.8 in., and 3 at +62 in.)			
Maximum Baggage	250 lbs. (113 kg) at 94 in.				
Fuel Capacity	At +21.8 in.	Litres	U.S. Gals.		
	Usable	372	98.3		
	Unusable	6	1.7		
	Total	378	100.0		
Oil Capacity	10.4 litres / 11 U.S. quarts maximum (at -40 in.)				
Control Surface	Wing Flaps	0°	Up	30°	Down
	Aileron	18°	Up	12°	Down
	Elevator (0□ Stab.)	33°	Up	22°	Down
	Stabilizer	3°	Up***	5°	Down***
	Rudder	24°	Left	28°	Right
	*** Up and Down refer to the leading edge of the stabilizer				
Serial Numbers Eligible	Serial number 0001 and subsequent.				

Data Pertinent To All Models (Except As Indicated)

Import Requirements A U.S. Airworthiness Certificate may be issued on the basis of the Canadian Department of Transport "Certificate of Airworthiness for Export" signed by or for the Minister of Transport. This form must contain the following statement: "This certifies that the aircraft described below has been manufactured in conformity with data forming the basis for D.O.T. Type Approval No. 67, Issue 14, or later Transport Canada approved revisions, (FAA Type Certificate No. A7EA) and to be in a condition for safe operation."

Certification Basis **FBA-2C**  
CAR 3 dated May 15, 1956 and Amendments 3-1 to 3-7 inclusive. Type Certificate No. A7EA issued June 23, 1965. Date of Application for Type Certificate February 11, 1963.

**FBA-2C1**

Part 23 of the Federal Aviation Regulations effective February 1, 1965, as amended by 23-1 through 23-6 except as follows:

FAR 23.51; 23.65; 23.75; 23.77; 23.611; 23.619; 23.623; 23.683; 23.689; 23.775; 23.871; 23.954; 23.1147; 23.1323; and 23.1563 amended by amendment 23-7.

FAR 23.1524 amended by amendment 23-10.

FAR 23.771 and 23.1365 amended by amendment 23-14.

FAR 23.607; 23.675; 23.685; 23.733; and 23.1309 amended by amendment 23-17.

FAR 23.959 amended by amendment 23-18.

FAR 23.1301 amended by amendment 23-20.

FAR 23.1353; 23.1541; and 23.1559 amended by amendment 23-21.

FAR 23.603; 23.605; 23.863; and 23.1545 amended by amendment 23-23.

FAR 23.1529 amended by amendment 23-26.

FAR 23.995; 23.1143; 23.777; 23.779; and 23.781 amended by amendment 23-29.

FAR 23.1; 23.853; and 23.1165; amended by amendment 23-34.

FAR 23.787 amended by amendment 23-36.

FAR 23.1311 and 23.1321 amended by amendment 23-41.

FAR 23.301; 23.331; 23.351; 23.421; 23.423; 23.425; 23.427; 23.441; 23.443; 23.677; 23.701; 23.735 and 23.831 amended by amendment 23-42.

FAR 23.901; 23.903; 23.905; 23.925; 23.951; 23.953; 23.955; 23.957; 23.963; 23.965; 23.967; 23.971; 23.973; 23.975; 23.977; 23.991; 23.993; 23.997; 23.999; 23.1093; 23.1145; 23.1303; 23.1322; 23.1337; 23.1351; 23.1357; 23.1361; and 23.1385 amended by amendment 23-43.

FAR 23.562(a) and 23.562(e) amended by amendment 23-44.

FAR 23.33; 23.305; 23.321; 23.397; 23.561; 23.572; 23.613; 23.621; 23.655; 23.731; and 23.1549 amended by amendment 23-45.

FAR 23.783; 23.805; 23.807 and 23.811 amended by amendment 23-46.

FAR 36 dated December 1, 1969, as amended by Amendment 36-1 through 36-22.

**FBA-2C2**

The Certification Basis for the model FBA-2C1, except as follows:

FAR 23.49; 23.141; and 23.867 amended by amendment 23-7.

FAR 23.1397; 23.1401 amended by amendment 23-11.

FAR 23.345; 23.723 amended by amendment 23-23.

FAR 23.2 amended by amendment 23-36.

FAR 23.1305; 23.1307; 23.1365; 23.1387; 23.1389; 23.1391; 23.1393; 23.1395, and 23.1431 amended by amendment 23-43.

FAR 23.25; 23.207; and 23.473 amended by amendment 23-45.

FAR 36 dated December 1, 1969, as amended by Amendment 36-1 through 36-22.

**FBA-2C3**

Part 23 of the U. S. Federal Aviation Regulations effective February 1, 1965, as amended by 23-1 through 23-6 except as follows:

As amended by Amendment 23-7

23.141, 23.395, 23.505, 23.619, 23.623, 23.625, 23.683, 23.689, 23.726, 23.727, 23.871, 23.954, 23.1147  
23.1505

As amended by Amendment 23-10  
23.1524

As amended by Amendment 23-11  
23.1397, 23.1401

As amended by Amendment 23-14  
23.507, 23.509, 23.771, 23.1017, 23.1182

As amended by Amendment 23-17  
23.675, 23.685, 23.1125

As amended by Amendment 23-20  
23.1301, 23.1327, 23.1547

As amended by Amendment 23-21  
23.29, 23.1501, 23.1541

As amended by Amendment 23-23  
23.603, 23.605

As amended by Amendment 23-26  
23.1529

As amended by Amendment 23-29  
23.995, 23.1143

As amended by Amendment 23-33  
23.781

As amended by Amendment 23-34  
23.1, 23.333, 23.863, 23.1165, 23.1523

As amended by Amendment 23-36  
23.2

As amended by Amendment 23-42  
23.331, 23.351, 23.421, 23.423, 23.425, 23.427, 23.445, 23.831

As amended by Amendment 23-43  
23.905, 23.943, 23.951, 23.957, 23.961, 23.967, 23.971, 23.977, 23.991, 23.993, 23.997, 23.999, 23.1011,  
23.1103, 23.1123, 23.1145, 23.1193, 23.1303, 23.1307, 23.1322, 23.1331, 23.1357, 23.1385, 23.1387,  
23.1389, 23.1391, 23.1393, 23.1395, 23.1431

As amended by Amendment 23-44  
23.562(a), 23.562(e)

As amended by Amendment 23-45  
23.23, 23.305, 23.321, 23.361, 23.397, 23.485, 23.523, 23.525, 23.527, 23.529, 23.531, 23.613, 23.621,  
23.655, 23.731, 23.733, 23.737, 23.751, 23.753, 23.773, 23.851, 23.1507, 23.1525, 23.1527, 23.1549,  
23.1557

As amended by Amendment 23-46  
23.805, 23.811

As amended by Amendment 23-48  
23.301, 23.335, 23.337, 23.341, 23.343, 23.345, 23.347, 23.349, 23.371, 23.391, 23.393, 23.399, 23.441,  
23.443, 23.455, 23.473, 23.499, 23.521, 23.561, 23.572, 23.573, 23.607, 23.611, 23.657, 23.673, 23.725,  
23.865

As amended by Amendment 23-49  
23.677, 23.701, 23.723, 23.729, 23.735, 23.745, 23.775, 23.783, 23.785, 23.787, 23.807, 23.853, 23.855,  
23.867, 23.1309, 23.1311, 23.1321, 23.1323, 23.1351, 23.1353, 23.1359, 23.1361, 23.1365, 23.1383

As amended by Amendment 23-50  
23.3, 23.25, 23.33, 23.45, 23.49, 23.51, 23.53, 23.63, 23.65, 23.69, 23.71, 23.73, 23.75, 23.77, 23.201,  
23.203, 23.207, 23.237, 23.1325, 23.1511, 23.1521, 23.1543, 23.1545, 23.1553, 23.1555, 23.1559,  
23.1563, 23.1567, 23.1581, 23.1583, 23.1585, 23.1587, 23.1589

As amended by Amendment 23-51  
23.777, 23.779, 23.907, 23.925, 23.955, 23.959, 23.963, 23.965, 23.973, 23.975, 23.1041, 23.1043,  
23.1047, 23.1091, 23.1093, 23.1105, 23.1107, 23.1121, 23.1181, 23.1183, 23.1191, 23.1337

As amended by Amendment 23-52  
23.1305

As amended by Amendment 23-53  
23.901

As amended by Amendment 23-54  
23.903

For aircraft equipped with a Garmin G500 or G600 avionics system (which includes a Garmin 430W, 530W, 6XX or 7XX Navigator), the additional certification basis, for installation specific items only, is amended to include the following regulations at the amendment level stated:

- 23.1303 as amended by Amendment 23-49
- 23.1307 as amended by Amendment 23-49
- 23.1308 as amended by Amendment 23-57
- 23.1431 as amended by Amendment 23-49

For aircraft equipped with an S-Tec autopilot system, the additional certification basis, for installation specific items only, is amended to include the following regulations at the amendment level stated:

- 23.1329 as amended by Amendment 23-49
- 23.1335 as amended by Amendment 23-20

#### **FBA-2C4**

The Certification Basis for the model FBA-2C3 with the addition of the following requirement:  
23.497 Supplementary conditions for tail wheels (Amdt. 23-48)

#### **FBA-2C3T**

The Certification Basis for the model FBA-2C3 with the addition of the following requirements:

- 23-909 Turbocharger systems (Amdt 23-43)
- 23.939 Powerplant operating characteristics (Amdt 23-42)
- 23.1441 Oxygen equipment and supply (Amdt 23-43)
- 23.1443 Minimum mass flow of supplemental oxygen (Amdt. 23-62)
- 23.1445 Oxygen distribution system (Amdt. 23-62)
- 23.1447 Equipment standards for oxygen dispensing units (Amdt. 23-62)
- 23.1449 Means for determining use of oxygen (Amdt. 23-9)
- 23.1451 Fire protection for oxygen equipment (Amdt. 23-49)
- 23.1453 Protection of oxygen equipment from rupture (Amdt. 23-49)

#### **FBA-2C4T**

The Certification Basis for the model FBA-2C3 with the addition of the following requirements:

- 23.497 Supplementary conditions for tail wheels (Amdt. 23-48)
- 23-909 Turbocharger systems (Amdt 23-43)
- 23.939 Powerplant operating characteristics (Amdt 23-42)
- 23.1441 Oxygen equipment and supply (Amdt 23-43)
- 23.1443 Minimum mass flow of supplemental oxygen (Amdt. 23-62)
- 23.1445 Oxygen distribution system (Amdt. 23-62)
- 23.1447 Equipment standards for oxygen dispensing units (Amdt. 23-62)
- 23.1449 Means for determining use of oxygen (Amdt. 23-9)
- 23.1451 Fire protection for oxygen equipment (Amdt. 23-49)
- 23.1453 Protection of oxygen equipment from rupture (Amdt. 23-49)

Equipment

The basic required equipment as prescribed in the applicable airworthiness regulations (see Certification Basis) must be installed in the aircraft for certification.

#### **FBA-2C**

In addition, the following items of equipment are required:

Landplane, Skiplane and Seaplane:

- (a) D.O.T. Approved Flight Manual dated February 25, 1964.
- (b) Stall Warning Indicator per Found Brothers Drawing No. W-535.

#### **FBA-2C1**

In addition, the following items of equipment are required:

With 260 HP engine:

Transport Canada Approved Flight Manual FAC2-M100 dated May 20, 2000, or later approved revision.

With 300 HP engine:

Transport Canada Approved Flight Manual FAC2-M300 dated May 20, 2000, or later approved revision

**FBA-2C2**

In addition, the following items of equipment are required:

Transport Canada Approved Flight Manual FAC2-M400, dated December 9, 2003, or later approved revision..

**FBA-2C3**

In addition, the following items of equipment are required:

Transport Canada Approved Flight Manual P/N FM2C3 dated July 25, 2008, or later approved revision.

**FBA-2C4**

In addition, the following items of equipment are required:

Transport Canada Approved Flight Manual P/N FM2C4 dated December 31, 2011, or later approved revision.

**FBA-2C3T**

In addition, the following items of equipment are required:

Transport Canada Approved Flight Manual P/N FM2C3T dated February 20, 2012, or later approved revision.

**FBA-2C4T**

In addition, the following items of equipment are required:

Transport Canada Approved Flight Manual P/N FM2C4T dated February 20, 2012, or later approved revision.

Service Information The Airworthiness Limitations Section of the Maintenance Program (P/N FAC2-M200) and AFMs which contain a statement that the document is approved by the Transport Canada, are accepted by the FAA and are considered FAA approved. (These approvals pertain to the design data only)."

- NOTE 1.
- (a) Current weight and balance report including list of equipment included in the certificated empty weight, and loading instructions when necessary, must be in each aircraft at the time of original certification and at all times thereafter.
  - (b) The certificated empty weight and corresponding center of gravity locations must include unusable fuel.  
 FBA-2C 7.5 lbs. (+22.2 in.) and unusable oil of 2.8 lb. (-38.8 in.).  
 FBA-2C1 Bush Hawk 10.2 lbs. (+21.8 in)  
 FBA-2C2 Bush Hawk XP 10.2 lbs. (+21.8 in)  
 FBA-2C3 Expedition E350 10.2 lbs. (+21.8 in)  
 FBA-2C4 10.2 lbs. (+21.8 in)  
 FBA-2C3T 10.2 lbs. (+21.8 in)  
 FBA-2C4T 10.2 lbs. (+21.8 in)

NOTE 2. The following placards must be displayed in clear view of the pilot:

**FBA-2C**

- (a) "THIS AIRPLANE MUST BE OPERATED AS A NORMAL CATEGORY AIRPLANE IN COMPLIANCE WITH THE OPERATING LIMITATIONS IN THE FORM OF PLACARDS, MARKINGS AND MANUALS".
- (b) "NO ACROBATIC MANEUVERS INCLUDING SPINS APPROVED".

**FBA-2C1, FBA-2C2, FBA-2C3, FBA-2C4, FBA-2C3T, and FBA-2C4T**

- (a) "The markings and placards installed in this airplane contain operating limitations which must be complied with when operating this airplane in the normal category. Other operating limitations which must be complied with when operating this airplane in this category are contained in the Airplane Flight Manual."

- (b) Normal Category: “No acrobatic maneuvers including spins approved.”
- (c) “Flight into known icing conditions is prohibited. This airplane is certified for the following flight operations:

DAY-NIGHT-VFR-IFR  
(WITH REQUIRED EQUIPMENT)”

NOTE 3.

**FBA-2C1, FBA-2C2, FBA-2C3, FBA-2C4, FBA-2C3T, and FBA-2C4T**

Transport Canada approved Airworthiness Limitations are included in Section 4 of the Maintenance Program P/N FAC2-M200.

NOTE 4.

**Ski Installations:****FBA-2C**

- (a) Federal Model CF3000; installed in accordance with Found Brothers Drawing No. 2C36-1 Issue 2C.

**FBA-2C1**

- (a) Wipaire/Fluidyne/Federal C3200 skis. Maximum gross weight allowable 3200 lbs. Installation and operation in accordance with the latest Transport Canada approved revisions of Master Drawing List, Document No. MDL-1101 and Flight Manual Supplement, P/N M300-S04 or other Transport Canada approved data.
- (b) Wipaire/Fluidyne/Federal C3600 skis. Maximum gross weight allowable 3200 lbs. Installation and operation in accordance with the latest Transport Canada approved revisions of Master Drawing List, Document No. MDL-1102 and Flight Manual Supplement, P/N M300-S04 or other Transport Canada approved data.

**FBA-2C2**

- (a) Wipaire/Fluidyne/Federal C3200 skis. Maximum gross weight allowable 3200 lbs. Installation and operation in accordance with the latest Transport Canada approved revisions of Master Drawing List, Document No. MDL-1101 and Flight Manual Supplement, P/N M400-S05 or other Transport Canada approved data.
- (b) Wipaire/Fluidyne/Federal C3600 skis. Maximum gross weight allowable 3500 lbs. Installation and operation in accordance with the latest Transport Canada approved revisions of Master Drawing List, Document No. MDL-1102 and Flight Manual Supplement, P/N M400-S06 or other Transport Canada approved data.

**FBA-2C3, FBA-2C4, FBA-2C3T, and FBA-2C4T**

Ski Installation (Reserved)

NOTE 5.

**Float Installations:****FBA-2C**

- (a) EDO Model 249A-2870; installed in accordance with Found Brothers Drawing No. 2C37-1 Issue2A.

**FBA-2C1**

- (a) EDO Model 628-2960 floats , or Model 249A-2870 (modified per EDO drawing X-43521) floats, with 260 HP engine. Float installation in accordance with Found Aircraft Canada Inc. drawing No. D210 Issue 1. Maximum gross weight allowable 3200 lbs.
- (b) Aerocet Model 3500 floats with 260 HP engine.  
Float installation in accordance with Found Aircraft Canada Inc. drawing No. D211 Issue 1. Maximum gross weight allowable 3350 lbs.
- (c) Aerocet Model 3500L floats with 260 HP engine.

- Float installation in accordance with Found Aircraft Canada Inc. drawing No. D211 Issue 1.  
Maximum gross weight allowable 3350 lbs.
- (d) Aerocet Model 3500 floats with 300 HP engine.  
Float installation in accordance with Found Aircraft Canada Inc. drawing No. D212 Issue 1.  
Maximum gross weight allowable 3500 lbs.
- (e) Aerocet Model 3500L floats with 300 HP engine.  
Float installation in accordance with Found Aircraft Canada Inc. drawing No. D212 Issue 1.  
Maximum gross weight allowable 3500 lbs.

**FBA-2C2**

- a) Aerocet Model 3500 floats. Float installation and operation in accordance with Master Drawing List, Document No. MDL-1119 and Flight Manual Supplement M400-S02, both Transport Canada Approved December 19, 2003, or later approved revisions. Maximum gross weight allowable 3600 lbs.
- b) Aerocet Model 3500L floats. Float installation and operation in accordance with Master Drawing List, Document No. MDL-1119 and Flight Manual Supplement M400-S01, both Transport Canada Approved December 19, 2003, or later approved revisions. Maximum gross weight allowable 3800 lbs.
- c) Aerocet Model 3400 amphibious floats. Float installation and operation in accordance with Master Drawing List, Document No. MDL-1150 and Flight Manual Supplement M400-S10, both Transport Canada Approved December 19, 2003, or later approved revisions. Maximum gross weight allowable 3775 lbs.
- d) Wipaire 3450 amphibious floats. Float installation and operation in accordance with Master Drawing List, Document No. MDL-1118 and Flight Manual Supplement M400-S09, both Transport Canada Approved April 15, 2004, or later approved revisions. Maximum gross weight allowable 3700 lbs.
- e) Wipaire 3450 seaplane floats. Float installation and operation in accordance with Master Drawing List, Document No. MDL-1182 and Flight Manual Supplement M400-S08, both Transport Canada Approved April 15, 2004, or later approved revisions. Maximum gross weight allowable 3700 lbs.

**FBA-2C3 and FBA-2C4**

- (a) Aerocet Model 3500L and 3500 floats  
Maximum gross weight allowable 3800 lbs. (1724 kg)  
Installation and operation in accordance with the latest DOT approved revisions of Master Drawing List, Document No. MDL-1273 and Flight Manual Supplement, P/N S02 or other DOT approved data.
- (b) Aerocet Model 3400 amphibious floats  
Maximum gross weight allowable 3775 lbs. (1712 kg)  
Installation and operation in accordance with the latest DOT approved revisions of Master Drawing List, Document No. MDL-1272 and Flight Manual Supplement, P/N S01 or other DOT approved data.

**FBA-2C3T and FBA-2C4T**

Float Installation (Reserved)

NOTE 6.

**Oversize Tire Installations:**

**FBA-2C1**

- (a) GAR-AERO oversize wheels and tires, plus oversize tail wheel, with 260 HP or 300 HP engine. Wheel and tire installation in accordance with the following Found Aircraft Canada Inc. drawings:  
No. D205 Issue 1 with 260 HP engine.  
No. D206 Issue 1 with 300 HP engine.



Pitch setting at Station 30.0 in.: low 12°, high 26.4°

Woodward Constant Speed Governor B210340

- (b) D.O.T. approved Flight Manual dated April 28, 1965
- (c) Stall warning indicator per Found Brothers Drawing No. W-535.